

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/15651

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B29C39/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B29C39/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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|---------------------------|-----------|----------------------------|-----------|
| Jitsuyo Shinan Koho | 1926-1996 | Toroku Jitsuyo Shinan Koho | 1994-2004 |
| Kokai Jitsuyo Shinan Koho | 1971-2004 | Jitsuyo Shinan Toroku Koho | 1996-2004 |

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | JP 58-49167 B2 (MITSUBISHI RAYON CO., LTD.), 02 November, 1983 (02.11.83), Full text; Fig. 1 (Family: none) | 1-3, 8-10, 16 |
| Y | US 4626187 A (MITSUBISHI RAYON CO., LTD.), 02 December, 1986 (02.12.86), Column 7, lines 17 to 63; Fig. 6 & JP 60-9714 A | 1-3, 8-10, 16 |
| Y | US 4839125 A (MITSUBISHI RAYON CO., LTD.), 13 June, 1989 (13.06.89), Column 6, lines 21 to 45; Fig. 1 & EP 246806 A2 & JP 60-9714 A | 1-3, 8-10, 16 |

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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| * Special categories of cited documents: | "I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
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| "P" document published prior to the international filing date but later than the priority date claimed | |

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|--|---|
| Date of the actual completion of the international search 17 March, 2004 (17.03.04) | Date of mailing of the international search report 30 March, 2004 (30.03.04) |
| Name and mailing address of the ISA/ Japanese Patent Office | Authorized officer |
| Facsimile No. | Telephone No. |

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | US 4415509 A (MITSUBISHI RAYON CO., LTD.), 15 November, 1983 (15.11.83), Full text (Family: none) | 1-16 |
| A | JP 8-300382 A (Teijin Ltd.), 19 November, 1996 (19.11.96), Full text (Family: none) | 1-16 |
| A | JP 7-137054 A (Sekisui Chemical Co., Ltd.), 30 May, 1995 (30.05.95), Full text (Family: none) | 1-16 |
| A | JP 2561576 B2 (Kubota Corp.), 19 September, 1996 (19.09.96), Full text (Family: none) | 1-16 |